

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012023\  
 Data File : VX033821.D  
 Acq On : 20 Jan 2023 12:25  
 Operator : JC/MD  
 Sample : 01242-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW10-GW-98-100

Quant Time: Jan 21 04:42:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 11 14:48:42 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 161905   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 234432   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 206740   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 96241    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 80059    | 46.963   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 93.920%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 71264    | 48.955   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.920%  |
| 50) Toluene-d8              | 8.646  | 98    | 266736   | 50.291   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 100.580% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 90432    | 45.923   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 91.840%  |

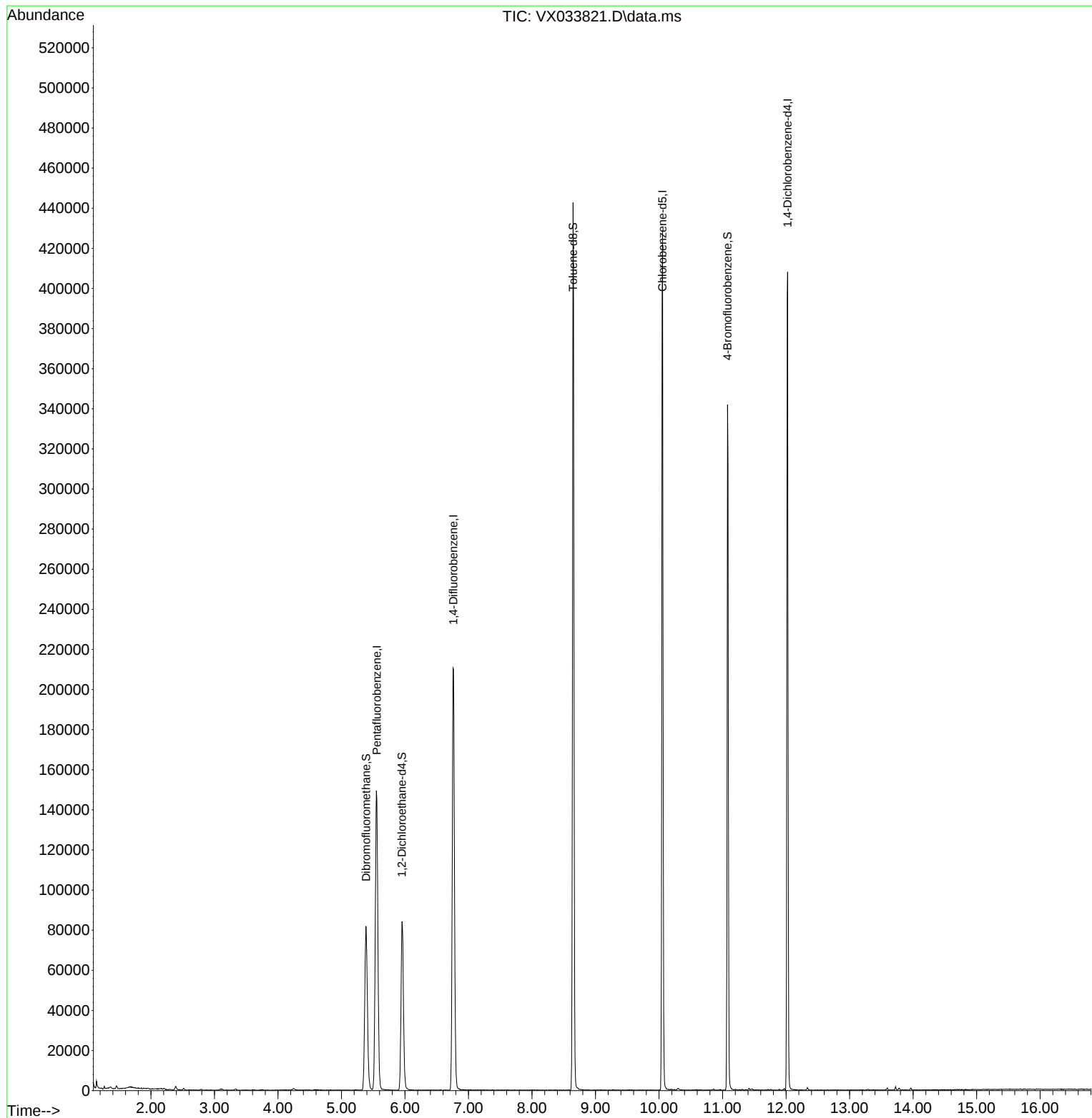
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

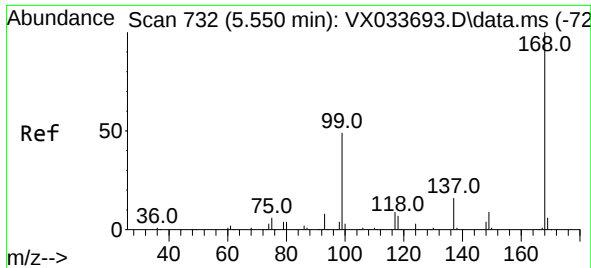
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
BP-VPB-RW10-GW-98-100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 11 14:48:42 2023  
Response via : Initial Calibration

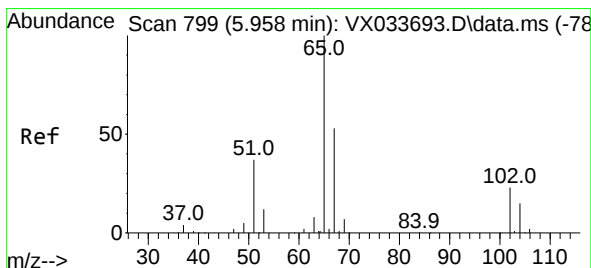
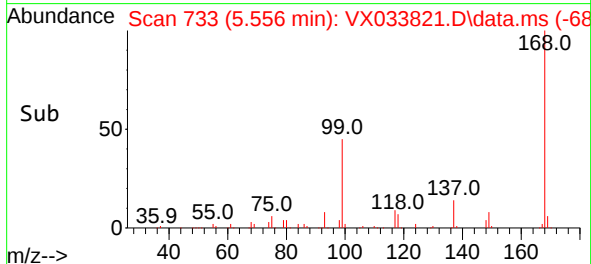
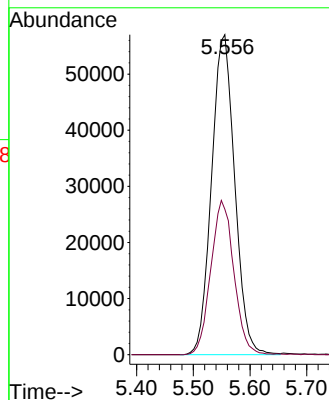
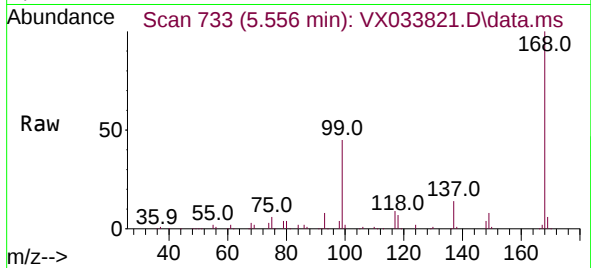




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX033821.D  
Acq: 20 Jan 2023 12:25

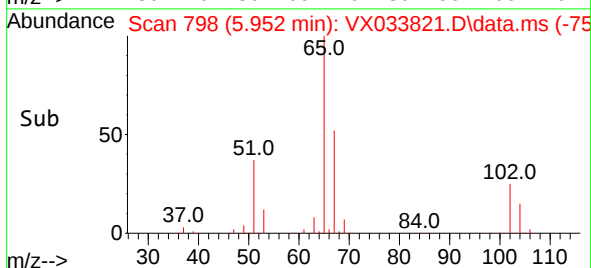
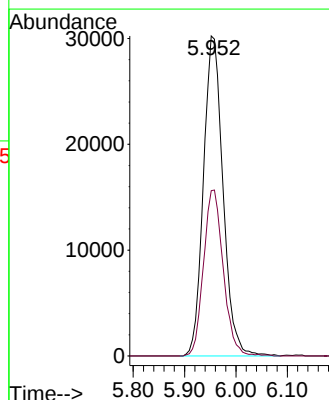
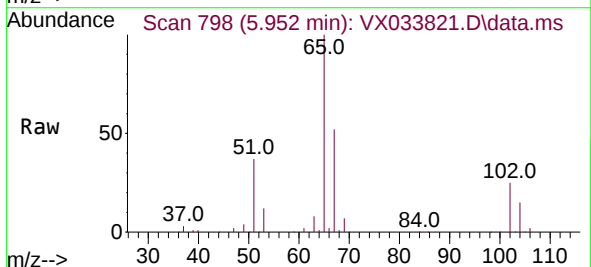
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-GW-98-100

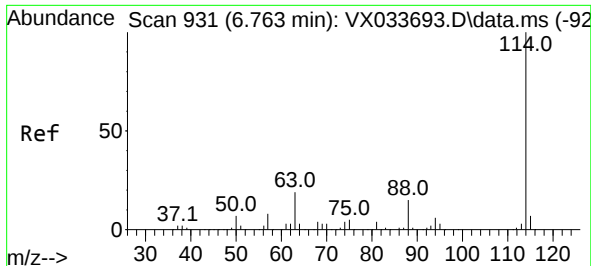
Tgt Ion:168 Resp: 161905  
Ion Ratio Lower Upper  
168 100  
99 45.4 39.6 59.4



#33  
1,2-Dichloroethane-d4  
Concen: 46.963 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.007 min  
Lab File: VX033821.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 65 Resp: 80059  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 104.8

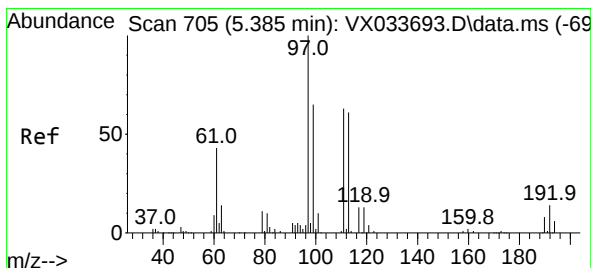
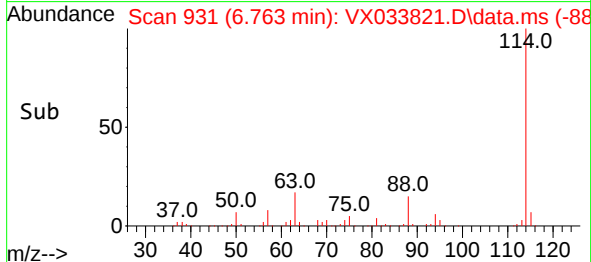
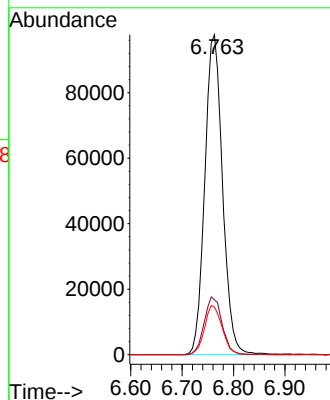
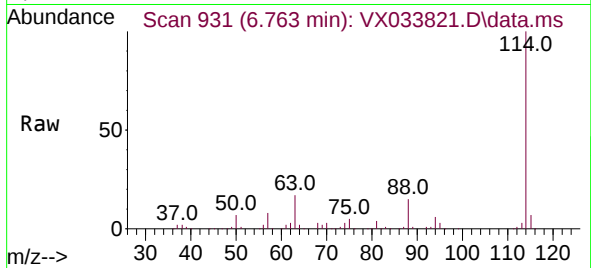




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX033821.D  
Acq: 20 Jan 2023 12:25

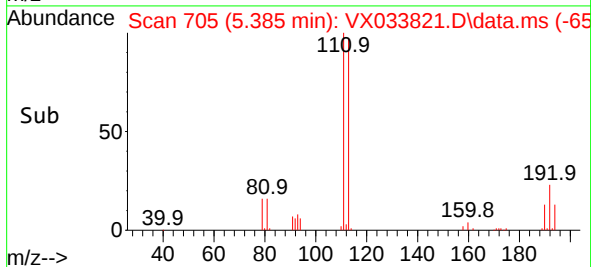
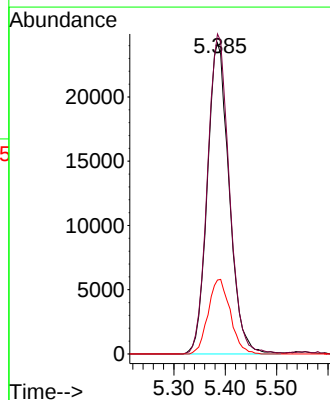
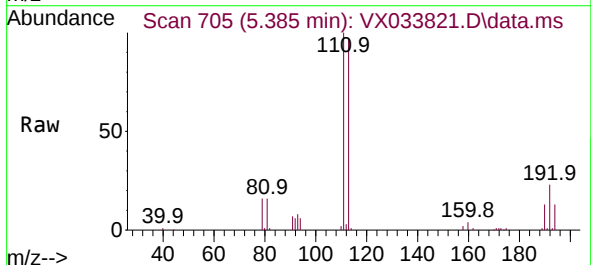
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-GW-98-100

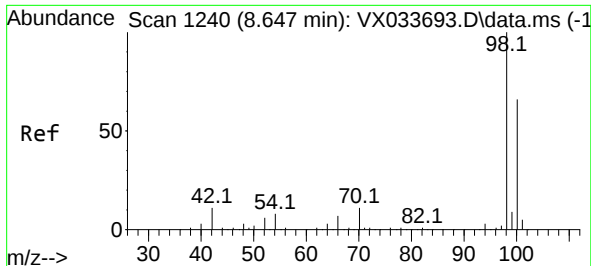
Tgt Ion:114 Resp: 234432  
Ion Ratio Lower Upper  
114 100  
63 17.2 0.0 37.4  
88 14.9 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.955 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033821.D  
Acq: 20 Jan 2023 12:25

Tgt Ion:113 Resp: 71264  
Ion Ratio Lower Upper  
113 100  
111 103.3 83.0 124.6  
192 24.3 19.0 28.4

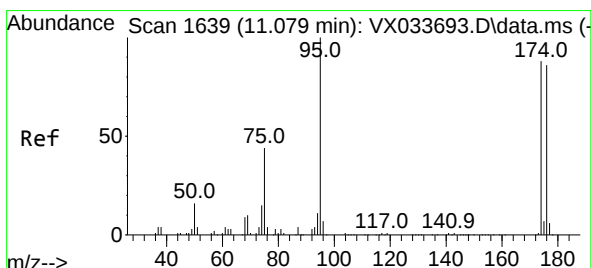
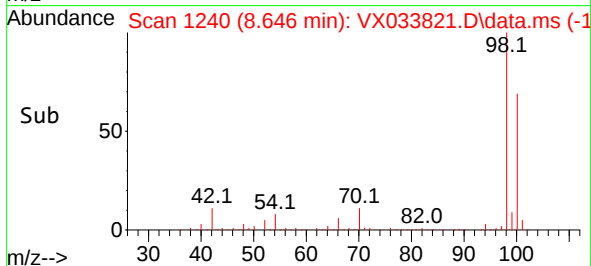
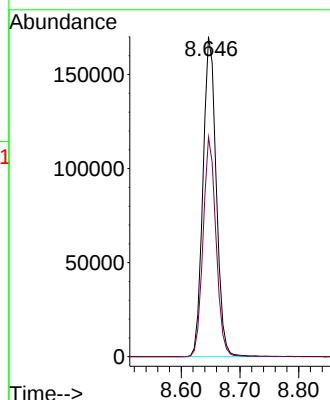
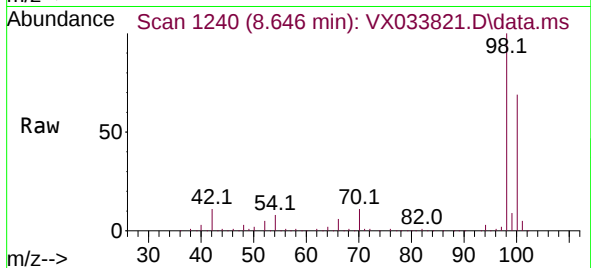




#50  
Toluene-d8  
Concen: 50.291 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033821.D  
Acq: 20 Jan 2023 12:25

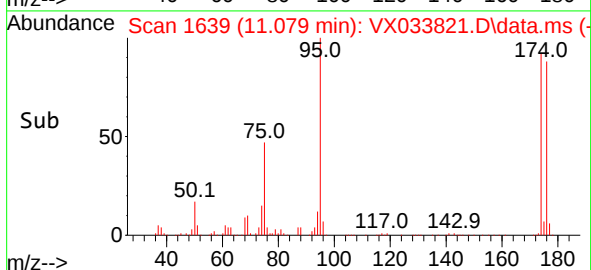
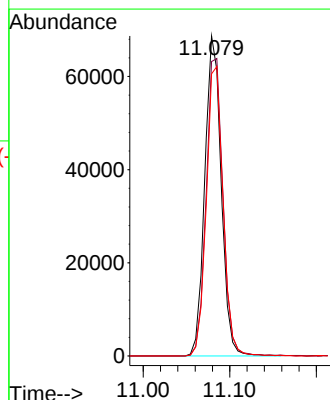
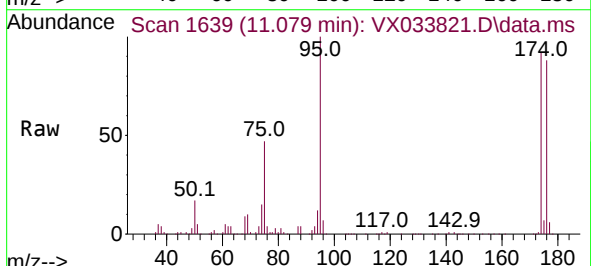
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-GW-98-100

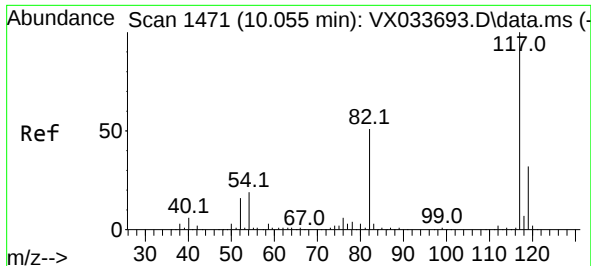
Tgt Ion: 98 Resp: 266736  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 45.923 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033821.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 95 Resp: 90432  
Ion Ratio Lower Upper  
95 100  
174 95.6 0.0 184.4  
176 92.1 0.0 178.8

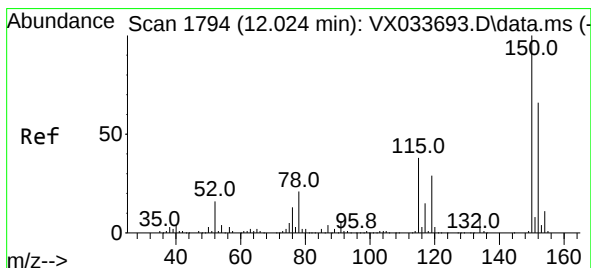
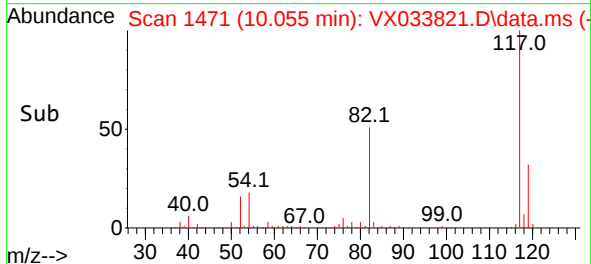
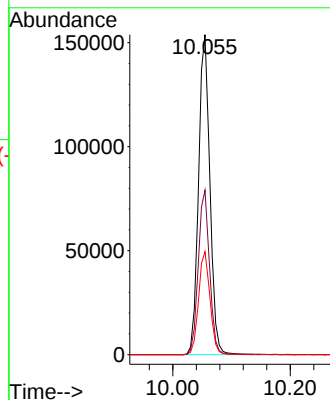
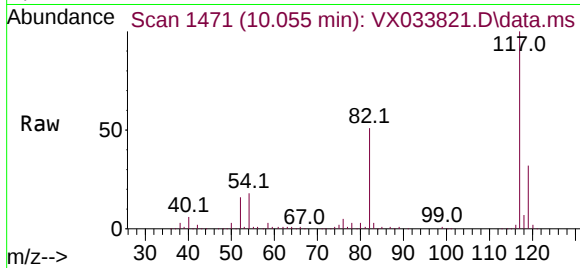




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033821.D  
Acq: 20 Jan 2023 12:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-GW-98-100

Tgt Ion:117 Resp: 206740  
Ion Ratio Lower Upper  
117 100  
82 51.4 40.6 60.8  
119 32.2 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX033821.D  
Acq: 20 Jan 2023 12:25

Tgt Ion:152 Resp: 96241  
Ion Ratio Lower Upper  
152 100  
115 53.5 38.7 116.1  
150 156.6 0.0 348.2

